

BOGOLEPOV, N.K., prof.; BADALYAN, L.O. (Moskva)

Basic problems in the clinical aspects and treatment of headaches.  
Klin.med. 38 no.3:139-144 Mr'60. (MIRA 16:7)  
(HEADACHE)

BOGOLEPOV, N.K.; BADALYAN, L.O.

Pathogenesis and clinical aspects of acute disorders of cerebral circulation in surgical therapy of mitral stenosis. Zhur. nevr. i psikh. 60 no.10:1251-1258 '60. (MIRA 14:1)

1. Institut grudnoy khirurgii (dir. - prof. S.A. Kolesnikov) AMN SSSR i klinika nervnykh bolezney (dir. - prof. N.K. Bogolepov) II Moskovskogo meditsinskogo instituta.

(MITRAL VALVE--SURGERY) (ANOXEMIA)  
(PULMONARY EMBOLISM)

BOGOLEPOV, N. K. and BADALYAN, L. O.

"Disturbances of the cerebral circulation in the surgical treatment  
of cardiac and vascular defects"

Report submitted to the 5th International Congress of electroencephalography  
and Clinical Neurophysiology, Rome, Italy, 11-12 Sep 61

BADALYAN, L.O., kand.med.nauk

"Treatment of children with sequelae of poliomyelitis at a climatological and balneological health resort" by A.F.Mizina and A.E.Shterengerts. Reviewed by L.O.Badalian. Vop. kur., fizioter. i lech. fiz. kul't. 26 no.5:464-465 S-0 '61.

(MIRA 14:11)

(POLIOMYELITIS) (MIZINA, A.F.)  
(SHTERENGERTS, A.E.)

BOGOLEPOV, N.K., prof.; BADALYAN, L.O., kand.med.nauk; LUZHETSKAYA, T.A.,  
kand.med.nauk

Disorders of cerebral circulation in acute coronary insufficiency.  
Trudy Gos.nauch-issl.inst.psikh. 25:581-593 '61. (MIRA 15:12)

1. Klinika nervnykh bolezney II Moskovskogo meditsinskogo instituta  
imeni Pirogova (dir. kliniki - prof. N.K.Bogolepov).  
(CORONARY HEART DISEASE) (CEREBROVASCULAR DISEASE)

BOGOLEPOV, N.K., prof.; BADALYAN, L.O., kand.med.nauk

Cerebral circulatory insufficiency in the pathogenesis of nervous and mental disorders in vascular diseases of the brain. Trudy Gos.nauch-issl.inst.psikh. 25:620-630 '61. (MIRA 15:12)

1. Klinika nervnykh bolezney II Moskovskogo meditsinskogo instituta imeni Pirogova (dir. - prof. N.K.Bogolepov) i Klinika sosudistykh psikhozov (zav. - prof. V.M.Banshchikov) Gosudarstvennogo nauchno-issledovatel'skogo instituta psikiatrii Ministerstva zdravookhraneniya RSFSR.  
(CEREBROVASCULAR DISEASE) (NERVOUS SYSTEM--DISEASES)  
(MENTAL ILLNESS)

BAKULEV, A.N., akad.; BOGOLEPOV, N.K., prof.; BADALYAN, L.O., kand.med.nauk;  
MURATOVA, Kh.N., kand.med.nauk (Moskva)

Neurological aspects of the surgical treatment of coronary disease.  
Klin.med. no.9:57-62 '62. (NIRA 15:12)

1. Iz otdeleniya sosudistoy khirurgii (zav. - doktor med.nauk  
Yu.Ye. Berezov) Instituta serdechno-sosudistoy khirurgii (dir. -  
prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akad. A.K. Bekulev)  
AMN SSSR i kliniki nervnykh bolezney (dir. - prof. N.K. Bogolepov)  
II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.  
(NEUROLOGY) (CORONARY HEART DISEASE)

BOGOLEPOV, N.K. (Moskva); Badalyan, L.O. (Moskva)

Neuropsychic disorders in cardiac pathology. Trudy Gos. nauch.  
issl. psikhonevr. inst. 29:295-307 '63. (MIRA 17:8)

ACCESSION NR: AP4041350

S/0248/64/000/006/0063/0069

AUTHOR: Badalyan, L. O.; Kovalev, V. V.

TITLE: Neuropsychic alterations during hypoxic conditions associated with surgical treatment of heart failure

SOURCE: AMN SSSR. Vestnik, no. 6, 1964, 63-69

TOPIC TAGS: heart failure, hypoxia, heart surgery, psychosis, brain damage

ABSTRACT: Features specific to neuropsychic disturbances that appeared in 138 patients (from 4 to 50 years of age) operated on for acquired or congenital heart failures are described. These disorders developed in connection with hypoxia caused by acute circulatory and respiratory surgery during an operation on the heart or soon thereafter. Patients with favorable surgical outcomes were examined prior to discharge from the hospital, then for periods varying from 6 months to 2 years following discharge. Neurological, psychopathological, and clinico-psychological investigations were conducted. These

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ACCESSION NR: AP4041350

investigations made it possible to isolate three degrees of brain hypoxia appearing as a result of acute circulatory and respiratory insufficiency following heart surgery. The first degree is characterized by moderately marked and fully reversible neuropsychic disorders in the form of an asteno-adyamic condition attended by stupor, episodes of hypnagogic delirium, and also by temporary neurologic disturbances. In the second degree, the neurological and psychic disturbances are more pronounced and persistent and are not always amenable to complete regression. As a rule, clear-cut pathological reflexes become noticeable. Acute psychoses with various syndromes of troubled consciousness occur frequently. The third degree of brain hypoxia is manifested either by a comatose or a profound soporific state with pronounced neurologic disorders. Its prognosis is unfavorable and this condition generally precedes the onset of clinical death. This data may be used both for prevention and treatment of the above disorders and also for evaluating their prognosis.

ASSOCIATION: II Moskovskiy meditsinskiy institut im. N. I. Pirogova  
(Second Moscow Medical Institute)

Card 2/3

ACCESSION NR: AP4041350

SUBMITTED: 11Dec63

ENCL: 00

SUB CODE: LS

NO REF SOV: 007

OTHER: .007

Card 3/3

KOLESNIKOV, S.A.; TSUKIRMAN, G.I.; BADALYAN, L.O.; NYO, E.P.; DERZHAVETS,  
L.Kh.

Thromboembolic complications in mitral commissurotomy.  
Vest. khir. 92 no.2:17-23 F '64. (MIRA 17:9)

1. Iz otdeleniya priobretennykh porekov serdtsa Instituta  
serdechno-sosudistoy khirurgii (dir.- prof. S.A. Kolesnikov,  
nauchnyy rukovoditel'- akademik A.N. Bakulev) AMN SSSR.  
Adres avtorov: Moskva, V-49, Leninskiy prospekt, 5, Institut  
serdechno-sosudistoy khirurgii AMN SSSR.

L 53618-65 EWT(1)/EWT(m)/EPF(c)/EWF(j) Pc-4/Pr-4 RM

ACCESSION NO: AFS14815

UF/0252/65/040/004/0205/0207

AUTHOR: Movsesyan, M. Ye.; Ninoyan, Zh. G.; Badalyan, L. T.

TITLE: Stimulated Raman scattering of light in water

SOURCE: AN ArLSSR. Doklady, v. 40, no. 4, 1965, 205-207

TOPIC TAGS: Raman spectroscopy, stimulated Raman scattering, ruby laser, organic compounds, xylenes, biphenylene, isobutene, chloroform, chloroacetylene, acetylene

ABSTRACT: Stimulated Raman scattering (SRS) was observed in the following organic materials: xylenes, biphenylene, isobutene, chloroform, chloroacetylene, acetylene, and a ruby laser. The laser emission was focused (by an  $F = 94$  mm lens) at the center of a 100-mm-long cuvette placed outside the resonator and containing the test material. An ISP-51 spectrograph and a UF-84 camera were used for the photographic registration of the SRS spectra. The frequencies of the Stokes and anti-Stokes lines in the SRS spectra were tabulated for the above materials and for other materials which had been investigated earlier. Splitting of the Stokes lines was observed particu-

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L 53618-65

ACCESSION NR: AP5014205

Only for xylene not listed in the table of the use of the...  
...temperature are now being made...

Card 2/2

S/044/62/000/011/013/064  
A060/A000

AUTHOR: Badalyan, M.V.

TITLE: On the best approximation of functions from the class  $H_{1/2}^2(-\infty, +\infty)$  by aggregates of a special type

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1962, 22 - 23, abstract 11B98 (Uch. zap. Yerevansk. gos. ped. in-t. Ser. fiz.-matem., 1960 (1961), no. 1, 25 - 27; summary in Armenian)

TEXT: According to the definition introduced by G.V. Badalyan, a function  $f(z)$  belongs to the class  $H_{1/2}^2(-\infty, +\infty)$  if it can be represented in the form  $f(z) = \int_0^\infty e^{-xz} \psi(x) dx$ , where  $\psi(x)$  is a function integrable in the square with a weight  $e^{-x}$  on  $(0, \infty)$ . Let there be given a numerical sequence  $0 = \gamma_0 < \gamma_1 \leq \gamma_2 \leq \dots \leq \gamma_m \leq \dots$  with the condition  $\sum_{m=1}^\infty \gamma_m^{-1} = \infty$ . The present paper studies the best approximation of functions of the class  $H_{1/2}^2(-\infty, +\infty)$  by

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On the best approximation of functions from ....

S/044/62/000/011/013/064  
A060/A000

means of linear aggregates of functions  $\varphi_n(z) = \frac{1}{(z + \gamma_m)^\nu}$ , where  $\nu$  is the multiplicity of  $\gamma_m$  in the given sequence  $m + \nu = n$ . The best approximation is defined by the formula

$$E_n(f) = \inf_{\{\alpha_k\}} \left\{ \sup_{\sqrt{2 \operatorname{Re}(z)} - 1} \left| f(z) - \sum_{k=1}^n \alpha_k \varphi_k(z) \right| \right\},$$

where  $\operatorname{Re}(z) > \frac{1}{2}$ . The generalized derivative of the function  $\varphi(t)$

$$\varphi^{[k]}(t) = \left[ \frac{\varphi^{[k-1]}(t)}{t^{\nu_k - \nu_{k-1} - 2}} \right], \quad t \in [0, 1]$$

is introduced. We shall cite one of the two theorems contained in the paper.

Theorem 2. Let  $f(z) \in H_{1/2}^2(-\infty, +\infty)$ , where  $f(z) = \int_0^1 t^{z-1} \varphi(t) dt$ , where

$|\varphi^{[k]}(t)| \leq M$ . If the following condition is also fulfilled:

$$\sum_{\nu=1}^{\infty} \gamma_\nu^{-2} < \infty, \quad \text{then} \quad E_n(f) \leq \left[ \sum_{\nu=k}^n \frac{1}{\gamma_\nu} \right]^{\frac{1-2k}{4}}$$

Card 2/3

On the best approximation of functions from ....

S/044/62/000/011/013/064  
A060/A000

The formulae contain misprints.

S.Ya. Al'per

[Abstracter's note: Complete translation]

Card 3/3

ACC NR: AP6028997

SOURCE CODE: UR/0431/66/001/002/0061/0065

46  
B

AUTHOR: Movsesyan, M. Ye.; Chilingaryan, Yu. S.; Badalyan, N. N.

ORG: Yerevan State University (Yerevanskiy gosudarstvennyy universitet)

TITLE: Investigation of the spectral characteristics of stimulated emission of a ruby

SOURCE: AN ArmSSR. Izvestiya. Fizika, v. 1, no. 2, 1966, 61-65

TOPIC TAGS: ruby laser, laser<sup>optic</sup> material, spectroscopy, ~~laser output~~

ABSTRACT: An investigation was made of the spectral and temporal characteristics of the stimulated emission of a pulsed ruby laser. Cylindrical ruby rods (52 and 80 mm long, 5.5 mm and 6 mm in diameter, respectively) with polished plane ends and 0.05% chromium ion concentrations were used. The ruby specimens were pumped by a direct pulsed xenon lamp which together with the ruby was wrapped in silvered foil. The flashlamp was supplied from a 750- $\mu$ f condenser bank at 700-1200 v, which amounted to operation at 30-60% above threshold. The resonator consisted of two dielectric-coated plane mirrors with reflection coefficients of 0.98 and 0.70. The measurements were carried out at room temperature. The fine structure of stimulated emission from the ruby was observed by means of a Fabry-Perot etalon and the interference pattern was photographed with a UF-84 f:800-mm camera. An f:90 mm lens was used

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L 40806-56  
ACC NR: AP6028997

in front of the F-P etalon (see Fig. 1). The frequency distribution in the laser pulse was investigated by means of an SFR-2M high-speed (15,000, 30,000, 45,000, and

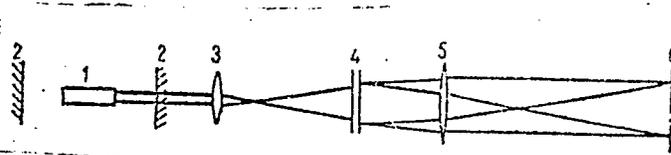


Fig. 1. Experimental setup for investigation of spectral characteristics of stimulated emission

- 1 - Ruby crystal; 2 - resonator mirrors; 3 - lens ( $f = 90$  mm);
- 4 - Fabry-Perot etalon; 5 - UF-84 camera objective ( $F = 800$  mm);
- 6 - photographic film.

67,500 rpm) photographic camera and diagrams illustrating the most probable frequency distribution were obtained for a ruby rod of various sizes (see Fig. 2).

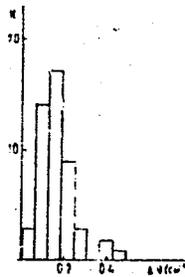


Fig. 2. Most probable frequency distribution in a laser pulse

Ruby length  $l = 52$  mm; optical length of resonator  $d = 60$  cm.

L 40000-00

ACC NR: AP6028997

The results can be used effectively to evaluate the quality of laser crystals.  
Orig. art. has: 1 formula and 3 figures.

[YK]

SUB CODE: 20/ SUBM DATE: 23Dec64/ ORIG REF: 002/OTH REF: 007/ ATD PRESS: 5059

Card 3/3 *MLP*

BADALYAN, R.; GRACHYAN, Ye.

Practical method for testing and correcting the acidity of  
nickel electrolytes. Prom.Arm. 4 no.9:28-30 S '61. (MIRA 14:11)

1. Yerevanskiy chasovoy zavod.  
(Electrolytes--Testing)

SOV/124-59-10-11340

Translation from: Referativnyy zhurnal, Mekhanika, 1959, No. 10, p. 35 (USSR)

AUTHOR: Badal'yan, R. G.

TITLE: Approximate Integration of the Equation of Unsteady One-Dimensional Gas Flow

PERIODICAL: Izv. Krymsk. ped. in-ta, 1957 (1958), Vol. 29, pp. 269-282

TEXT: The non-linear equation of one-dimensional adiabatic gas motion is considered in Lagrange variables. The adiabatic curve is replaced for solving by such a curve, which reduces in the end the initial equations either to a linear equation system or to an equation system, in which at least one of the characteristic families is rectilinear. The solutions obtained are applied to investigating the gas motion in an infinite pipe, in a pipe closed at one end, and the gas motion between cylinder walls and the piston moving according to a prescribed law.

M. P. Mikhaylova

Card 1/1

✓  
B

MANVELYAN, M.; KOSTANYAN, K.; MKRTCHYAN, L.; BADALYAN, S.

Using lithoidal pumices of the Lusavan deposit as raw material  
for founding bottle glass. Prom.Arm. 4 no.5:42-45 My '61.  
(MIRA 14:8)

1. Nauchno-issledovatel'skiy institut khimii Sovnarkhoza  
Armyanskoy SSR.

(Armenia--Pumice)

BADALYAN, Smbat Agaloyevich

[Resolving essential differences between city and village  
during the period of communist construction] Problema  
preodolenia sushchestvennogo razlichia mezhdou gorodom i derev-  
nei v period stroitel'stva kommunizma. Erevan, Armianskoe gos.  
izd-vo, 1961. 149 p. (MIRA 15:5)

(Agriculture, Cooperative)  
(Russia--Economic conditions)

USSR/Human and Animal Physiology - Metabolism.

T-2

Abs Jour : Ref Zhur - Biol., No 7, 31435

Author : Nikogosyan, G.G., Badalyan, S.O.

Inst : -

Title : Determination of the Vitamin C Balance in Children of  
Preschool Age Residing in Yerevan in the Spring and  
Autumn Periods.

Orig Pub : Pediatriya, 1957, No 7, 92-93

Abstract : The study of the vitamin C balance by the method of  
weighting conducted in the spring and autumn of 1951 in  
Yerevan with 335 children of pre-school age showed the pre-  
sence in them in spring time of hidden forms of hypovita-  
minosis of vitamin C related to a low vitamin C content in  
food. The optimum dose of vitamin C for children up to 7  
years old residing in Yerevan is, according to the opinion  
of the author, 40-45 mg. Such a quantity of vitamin C in  
the spring time can be assured by means of an additional  
vitaminization of the food.

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- 11 -

BADALYAN, S. O.: Master Med Sci (diss) -- "The basic factors in the epidemiology of ascariidosis and the sanitary-hygiene characteristics of the conditions for its dissemination in the city of Yerevan". Baku, 1958. 22 pp (Azerb State Med Inst im N. Narimanov), 250 copies (KL, No 6, 1959, 142)

BADALYAN, S.O.

Development and viability of ascarid eggs in the soil of Yrivan.  
Izv.AN Arm.SSR.Biol. i sel'khoz.nauki 11 no. 11:73-80 N '58.  
(MIRA 11:12)

1. Kafedra obshchey gigiyeny Yerevanskogo meditsinskogo instituta.  
(Yrivan--Ascarids and ascariasis)

VARTANYAN, S.A.; OGANOVA, L.V.; BADANYAN, Sh.O.

Letter to the editor. Interaction of amines with diacetylenic alcohols. Izv. AN Arm.SSR. Khim.nauki. 16 no.3:297-298 '63. (MIRA 17:2)

1. Institut organicheskoy khimii AN Armyanskoy SSR.

BADANYAN, Sh.O.

All-Union Scientific Conference on the Problem of "Syntheses  
based on Acetylene." Izv.AN Arm.SSR.Khim.nguki 15 no.6:571-  
573 '62. (MIRA 16:2)  
(Acetylene compounds--Congresses)

1 . BADALYAN, S.S.

USSR/Human and Animal Physiology - Blood. Blood Diseases.

T-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45995

Author : Sarkisyan, A.A., Badalyan, S.S., Barkhudaryan, L.Kh.

Inst : Yerevan Institute of Medicine.

Title : Effects of Medicamental Sleep Upon Experimental Hemolytic Anemia.

Orig Pub : Tr. Yerevansk. med. in-ta, 1956, vyp. 8, 53-56.

Abstract : In tests performed on 25 rabbits, hemolytic anemia was induced by administering 1-2 ml of a 1 percent phenylhydrazine solution, repeated 5 times during a 10-day period. Sugar (I) quantity rose by 17 mg percent, and cholesterol (II) quantity by 16 mg percent; clot retraction (CR) increased by 1.5 mm, and clot abruption capacity (CAC) by 3 gr. Hb amounts reached 33 percent, and the number of erythrocytes (E) decreased to 2,900,000 per

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- 41 -

BADALYAN, S.V.

Practice in using the underground variant of induced polarization  
in the Akhtala deposit. Izv. AN Arm. SSR. Nauki o zem. 18 no.5:  
65-68 '65. (MIRA 18:9)

1. Institut geofiziki i inzhenernoy seysmologii AN Armyanskoy  
SSR.

8(6), 14(6, 10)

SOV/112-59-4-6764

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, p 52 (USSR)

AUTHOR: Badalyan, S. Z.

TITLE: Experience With Using S-296 Concrete Pumps in Building Hydroelectric Stations in Armenia

PERIODICAL: V sb.: Energ. str-vo, Nr 1, M.-L., 1958, pp 10-13

ABSTRACT: S-296 concrete pumps with a capacity of 10 m<sup>3</sup>/hr were used for transporting and placing concrete in building the overflow dam, underground powerhouse, two aqueducts, and a headwater reservoir, at the Arzni hydroelectric station (Sevan-Razdan cascade). 250,000 m<sup>3</sup> of concrete was placed by the concrete pumps in 5 months. Average monthly utilization of the concrete pumps was 40-42 machine-shifts, with a 3-shift (around-the-clock) work. Quick wear of the pump-cylinder jacket is noted; the jacket had to be replaced after each 100-150 m<sup>3</sup> of concrete; a low quality of needle bearings is also noted. To prevent clogging of concrete-delivery piping, the consistency of the concrete mix was varied depending on the delivery distance.

Card 1/1

A.A.S.

BADAL'YAN, V. Kh.

Geometricheskaya kharakteris tika kongruentsii s postoyannym invariantom  
vel'shal. DAN, 33 (1941), 339-341.

So: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.,  
Markushevich, A.K.,  
Rashevskiy, P.K.  
Moscow-Leningrad, 1948

BADALYAN, V. S.

"Anatomical and Physiological Interrelated Characteristics of the Leaves of Certain Plants Resistant and Nonresistant to Drought." Cand Biol Sci, Gor'kiy Agricultural Inst, Gor'kiy, 1953. (RZhBiol, No 4, Feb 55)

SO: Sum. No. 631, 26 Aug 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14).

V. BADALYAN, V. S.  
USSR/Physiology of Plants. Photosynthesis.

I-2

Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1124.

Author : Badalyan, V.S.

Inst : Armenian Agricultural Institute.

Title : Insufficient Soil Moisture and the Intensity of Photosynthesis  
in Certain Plants.

Orig Pub: Izv. Akad. Nauk Arm SSR. Biol. i s.-kh. n., 1956, 9, No 5,  
15-25.

Abstract: The effect of insufficient soil moisture upon the accumulation of chlorophyll and the intensity of photosynthesis was studied in vegetation experiments conducted in 1951 in the Armenian Agricultural Institute using both drought-resistant safflower (*Carthamus tinctorius*) and non-drought-resistant pea (*Pisum sativum*). In 1952 the blue lupine (*Lupinus angustifolius*), as a non-drought-resistant plant, was also included in the ex-

Card : 1/3

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Card : 2/3

-5-

BADALYAN, V.S.

ARARATYAN, A.G.; BADALYAN, V.S.

Resistance to electric current in living and dead plant tissues.

Izv. AN Arm. SSR, Biol. i sel'khoz. nauki 11 no.4:87-96 Ap '58.

(MIRA 11:5)

1. Armyanskiy sel'skokhozyaystvennyy institut.

(Plants, Effect of electricity on)

BADALYAN, V. S.; ATABEKYAN, Ye. A.

Boric acid treatment of tomato seeds to increase the drought resistance and yields of tomatoes. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 11 no. 5:97-100 My '53. (MIRA 11:7)

1. Armyanskiy sel'skokhozyaystvennyy institut.  
(Tomatoes)  
(Plants, Effect of boron on)

ARARATYAN, A.G.; BADALYAN, V.S.

Apparatus for the determination of the viability of plant tissues.  
Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 11 no.7:107-110 J1 '58.  
(MIRA 11:9)

1.Armyanskiy sel'skokhozyaystvennyy institut.  
(Botanical apparatus)



MNDZHOYAN, A.L., akad.; AFRIKYAN, V.G.; BADALYAN, V.Ye.

Studies on the derivatives of alkoxybenzoic acids. Report No.17:  
Synthesis of certain n-alkoxybenzoic esters of  $\alpha$ - and  $\beta$ -methyl- $\gamma$ -  
dialkylaminoethanols. Dokl. AN Arm. SSR 30 no.5:287-293 '60.  
(MIRA 13:8)

1. Institut tonkoy organicheskoy khimii Akademii nauk Armyanskoy SSR.
2. Akademiya nauk Armyanskoy SSR (for Mndshoyan).  
(Ethanol)

*BADAL'YANTS.*

DZHAFAROV, A.A. (Baku); ZAVEL'SKIY, D.Ya. (Baku); SHTURMIN, V.G.; BADAL'YANTS.

Using gas in steam and diesel locomotives. Zhel. dor. transp. 40  
no.2:45-51 F '58. (MIRA 11:3)

1. Nachal'nik Azerbaydzhanskoy zheleznoy dorogi (for Dzhafarov).
  2. Nachal'nik otdela motorno-rel'sovogo transporta Azerbaydzhanskoy zheleznoy dorogi (for Zavel'skiy).
  3. Nachal'nik tekhnicheskogo otdela Severo-Kavkazskoy dorogi (for Shturmin).
  4. Nachal'nik tekhnicheskogo byuro Krasnodarskogo otdeleniya Severo-Kavkazskoy dorogi (for Badal'yants).
- (Locomotives) (Gas as fuel)

USSR / Farm Animals. Small Horned Stock.

2-3

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54804.

Author : ~~Badalyan, V. Ye.~~

Inst : Not given.

Title : The Dependence of the Growth of Lambs upon the Duration of Suckling.

Orig Pub: Tr. *Trm. n.-i. in-ta zhiivotnovodstva i veterinarii*, 1957, 2, 47-52.

Abstract: The experiments conducted in regard to the Ala-gez breed of sheep demonstrated that the prolongation of the suckling of lambs up to 2½-3 months brings about a considerable increase of their live weight (by 8 to 9 kg. or by 38%) and a better degree of fatness at the moment of weaning; it also raises the percentage of the survival of lambs by 3 to 4%.

Card 1/1

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AFRIKYAN, V.G.; BADALYAN, V. *Ye.*

Furylacrylic acid. Sint. geterotaikl. soed. no. 2:55-57 '57.  
(MIRA 11:7)

(Furanacrylic acid)

AFRIKYAN, V.G.; BADALYAN, V.Ye.

2-furanpropionic acid, Sint. geterotsykl. soed. no. 2:64-66  
'57. (MIRA 11:7)

(Furanpropionic acid)

MNDZHOYAN, A.L.; AFRIKYAN, V.G.; BADALYAN, V.Ye.

Synthesis of 1,2,4- triazole derivatives. Report No. 3: Synthesis  
of 3-(2'-furyl)-5-alkylmercapto-1,2,4-triazoles. Izv. AN Arm. SSR  
ser. khim. nauk 10 no.6:421-425 '57. (MIRA 11:6)

1. Institut tonkoy organicheskoy khimii AN ArmSSR.  
(Triazole)

MNDZHOYAN, A.L.; RADALYAN, V.Ye.

Bis(5-carboxy-2-furyl)methane. Sint. geterotsikl. soed. no.3:27-29  
'58 (MIRA 13:3)  
(Methane)

MNDZHOYAN, A.L.; BADALYAN, V.Ye.

2,2'-difurylmethane. Sint. geterotsikl. soed. no.3:35-36 '58 (MIRA 13:3)  
(Furan)

MNDZHOYAN, A.L.; AFRIKYAN, V.G., akademik; BADALYAN, V.Ye.; MARKARYAN, E.A.;  
KHORENYAN, G.A.

Investigation of derivatives of p-alkoxybenzoic acids. Dokl. AN  
Arm. SSR 27 no.3:161-177 '58. (MIRA 11:12)

1. AN Armyanskoy SSR.  
(Benzoic acid)

MNDZHONYAN, A.L., akademik; AFRIKYAN, V.G.; BADALYAN, V.Ye.; MARTIROSYAN,  
Yu.O.

Investigations in the field of derivatives of p-alkoxybenzoic acid.  
Report No.16. Dokl.AN Arm.SSR 27 no.4:243-249 ' 58.(MIRA 12:1)

1. AN Armyanskoy SSR (for Mndzhoyan). 2. Institut tonkoy organicheskoy  
khimii AN Armyanskoy SSR.  
(Benzoic acid)

MNDZHOYAN, A.L., akademik; AFRIKYAN, V.G.; TATEVOSYAN, G.T.; AGBALYAN, S.G.;  
GRIGORYAN, M.T.; DIVANYAN, N.M.; BADALYAN, V.Ye.; MARKARYAN, B.A.

Investigation in the field of furan derivatives. Report No.21.  
Dokl. AN Arm.SSR.27 no.5:305-314 '58. (MIRA 12:5)

1. Institut tonkoy organicheskoy khimii AN ArmSSR. 2. AN ArmSSR  
(for Mndzhoyan). (Furan)

MNDZHOYAN, A.L.; AFRIKYAN, V.G.; OGANESYAN, A.N.; BADALYAN, V.Ye.

Derivatives of thiophene and tetrahydrothiophene (thiophane).  
Report No.1: Synthesis of some amino esters of 2,5-tetrahydrothio-  
phenedicarboxylic acid. Izv. AN Arm.SSR Khim.nauki 13 no.1:  
63-67 '60. (MIRA 13:7)

1. Institut tonkoy organicheskoy khimii AN ArmSSR.  
(Thiophenedicarboxylic acid)

MNDZHONYAN, A.L.; AFRIKYAN, V.G.; BADALYAN, V.Ye.; DOKHIKYAN, A.A.

Research in the realm of derivatives of p-alkoxybenzoic acids.  
Report No. 18: Some amino esters of p-alkylmercaptoethoxybenzoic  
acids. Dokl. AN Arm.SSR 31 no. 2:97-110 '60. (MIRA 13:11)

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Armyanskoy SSR. 2. Akademiya nauk Armyanskoy SSR (for  
Mndzhoyan).

(Benzoic acid)

L 16627-65 EWT(m)/EPF(c)/EPR/EMP(j)/T/EMP(v)  
ACCESSION NR: AP4041800

PC-4/PT-4/PS-4 WH/RM  
S/0080764/037/007/1601/1605

AUTHOR: Akopyan, A. Ye.; Badalyan, V. Ye., Sarkisyan, D. Kh

TITLE: Continuous process for the production of adhesive<sup>5</sup> polyvinylbutyral 70

SOURCE: Zhurnal prikladnoy khimii, v. 37, no. 7, 1964, 1601-1605

TOPIC TAGS: polyvinylbutyral, polyvinyl acetate hydrolysis, vinyl acetate production, emulsion polymerization, polyvinyl alcohol production, acetalation, process economics

ABSTRACT: The possibility of using a continuous process to obtain polyvinylbutyral by acetalating polyvinyl alcohol obtained by hydrolysis of aqueous dispersion of polyvinyl acetate, and the process economics were investigated. Vinyl acetate was subjected to emulsion polymerization and the resultant polyvinyl acetate was hydrolysed. The hydrolysate polyvinyl alcohol was extracted with diisopropyl ether and acetic acid was distilled off. The resultant polyvinyl alcohol has a molecular weight of 800-1000, containing 1-2% acetate groups and 0.2-0.4%

Card 1/2

L 16627-65

ACCESSION NR: AP4041800

The polyvinyl alcohol diluted to 10-12% aqueous solution and butyraldehyde (ratio of 100:58) were fed into the bottom of a reactor, for acetalation at 23-25C, using 0.7-0.8% HCl to yield a polyvinyl butyral product of 0.1-0.2 mm diameter containing not less than 43% butyral groups. Reaction at 15-16C gave a finely powdered product. It was found that using polyvinyl alcohol solutions more concentrated than 12% caused precipitation of the polyvinylbutyral suspension and using a continuous instead of a batch emulsion polymerization of vinyl acetate increased productivity 3-3.5 times. Continuous hydrolysis instead of batch hydrolysis of the polyvinyl acetate also increased productivity 2-2.5 times, which completely excluded methanol from the processing cycle and consequently removed necessity of regenerating acetic acid and methanol from the methyl acetate obtained in the polyvinyl alcohol in the batch process. Continuous acetalation could be run at 23-25C, which eliminates the requirements of brine cooling needed for the batch process and increasing productivity 1.5-2 times. Orig. art. has: 3 figures

ASSOCIATION: None

SUBMITTED: 15Oct62

ENCL: 00

SUB CODE: MT, GC

NO REF SOV: 008

OTHER: 004

Card 2/2

KECHEK, Yu.A.; BADALYAN, Zh.S.

Nephelometric determination of inorganic sulfates in urine by means of stable standard of turbidity. Lab. delo 7 no.5:20-21 My '61. (MIRA 14:5)

1. Kafedra biokhimi (zav. - deystvitel'nyy chlen AN Armyanskoy SSR G.Kh. Bunyatya) Yerevanskogo meditsinskogo instituta.  
(NEPHELOMETRIC ANALYSIS) (URINE—ANALYSIS AND PATHOLOGY)  
(SULPHUR IN THE BODY)

BADALYANTS, M., inzh.

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organizing a new production. Prom.Arm. 7 no.1:54-57 Ja '64.  
(MIRA 17:4)

BADALYANTS M.F.

VINTER, A.V., akademik; KUKUSHKIN, I.N., inzhener; TRAPEZNIKOV, V.A.;  
NIKOLAYEV, A.T., inzhener (Muromtsevo, Vladimirovskoy obl.); KUDELIN,  
Ya.M. (Muromtsevo, Vladimirovskoy obl.); PETROV, I.I., dotsent, kandidat  
tekhnicheskikh nauk (Moscow); BADALYANTS, M.G., inzhener; BELICHENKO,  
G.M., inzhener; KLAPCHUK, L.D., inzhener; FRANTSUZOV, Ye.M., inzhener;  
TAREYEV, B.M., professor, doktor tekhnicheskikh nauk; MAGIDSON, A.O.,  
inzhener.

Improving the knowledge of power engineers through correspondence  
courses. Remarks on B.M.Tareev's and A.O.Magidson's article. Elek-  
trichestvo no.3:76-80 Mr '54. (MLRA 7:4)

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(for Vinter). 2. Glavnyy energetik Gor'kovskogo avtomobil'nogo  
zavoda im. Molotova (for Kukushkin). 3. Institut avtomatiki i tele-  
mekhaniki Akademii nauk SSSR (for Trapeznikov). 4. Chlen-korrespon-  
dent Akademii nauk SSSR (for Trapeznikov). 5. Leninakanges (for Bada-  
lyants). 6. Dnepropetrovskiy institut inzhenerov transporta (for Be-  
lichenko). 7. Kurakhovskaya gres (for Klapchuk). 8. Orekhovo-Zuyev-  
skaya tets (for Frantsuzov). 9. Vsesoyuznyy nauchnyy energeticheskiy  
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Indicies of the Mongolian Ponies as Determined by the Sex, Age and Season of the Year,"  
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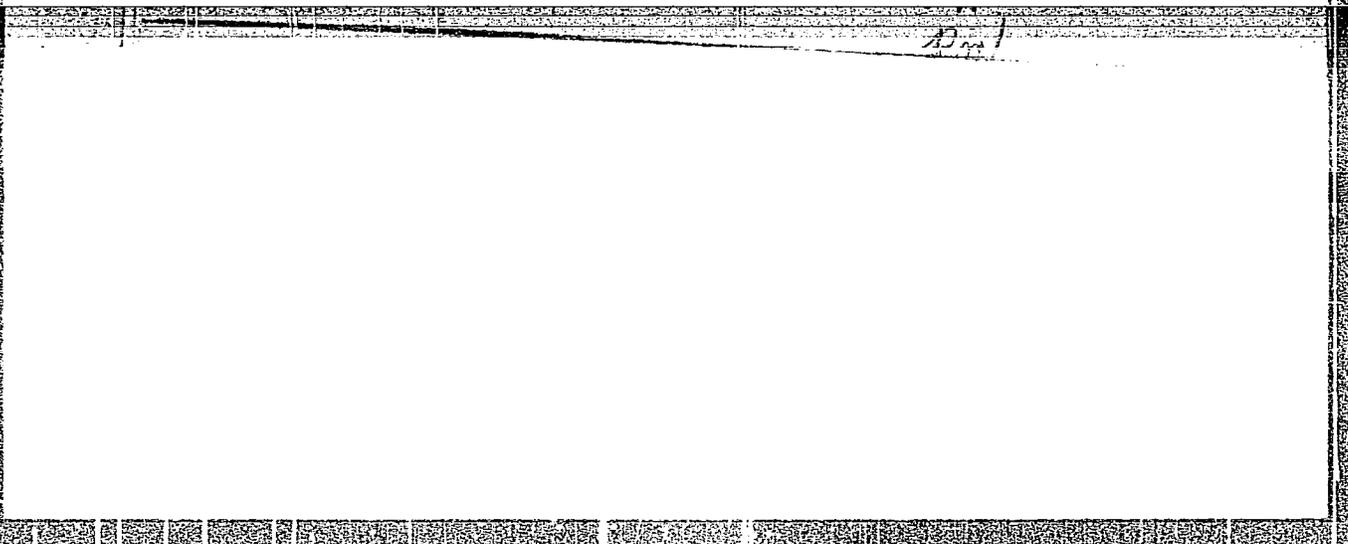
CIA-RDP86-00513R000102930003-3

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Observations concerning certain bacteriological and immunobiological aspects of cutaneous staphylococcal infections. Therapeutic deductions. Arch. roum. path. exp. microbiol. 23. no.3:575-578 5'63

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4. Komsomolets Bay
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SO: U-3264 10 April 1954, (Letopis'Zhurnal 'nykh Statey, N.3, 1949)

BADAMSHIN, B. I.

"The great mass of flamingo in the Caspian Sea," Priroda,  
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State of Caspian seal stocks. Zool.zhur. 39 no.6:898-905 Je  
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Island, Caspian Sea.  
(Caspian Sea--Seals (Animals))

RADAMSHIN, E.Z.

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1. Kazanskiy universitet im. V.I.Ul'yanova-Lenina.

TROYEPOL'SKIY, V.I.; BADAMSHIN, E.Z.; NAPALKOV, V.N.

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(Kama-Kinel' Depression--Petroleum geology)

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Izv. vys. ucheb. zav.; neft' i gaz 6 no.8:3-8 '63.

(MIRA 17:6)

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PISAKOVA, A.P.; BADAMYAN, A.A.; REYTMAN, I.M., redaktor; PERSHINA, Ye.O., vedushchiy redaktor; POLOSINA, A.S., tekhnicheskiy redaktor

[Catalog: Spare parts for petroleum equipment] Katalog: Zapasnye chasti k neftianomu oborudovaniyu. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry. Pt.2. [Equipment for boring wells] Oborudovanie dlia burenia skvazhin. Section 6. [Swivels] Vertliugi. No.3.[ShV14-160 swivel] Vertliug ShV14-160. 1955. 7 p. No.4. [ShV5-75 swivel] Vertliug ShV5-75. 1955. 7 p.

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(Oil well drilling--Equipment and supplies)

*BADAMYAN*

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PETROVA, Ye.A., redaktor; TROPIMOV, A.V., tekhnicheskiy redaktor

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noi i gorno-toplivnoi lit-ry. Pt.2.[Equipment for drilling wells.  
Section 1. Drill winches. No.2. Four-speed drill winch, model L1-4M2]  
Oborudovanie dlia burenia skvazhin. Section 1. Lebedki burovye.  
No.2. Lebedka chetyrekhkorostnaia L1-4M2. 1955. 33 p. Pt.3. [Equip-  
ment for operating wells. Section 2. Deep well non-insert (pipe)  
pumps. No.4. NGN2-56. Section 3. Deep well insert pumps. No.5. NGN3-  
56 3"-1800 (NGB1-56)] Oborudovanie dlia ekspluatatsii skvazhin.  
Section 2. Nasosy glubinye nevstavye (trubnye). No.4. NGN2-56.  
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1800 (NGV1-56). 1955. 10 p. (MIRA 9:3)

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(Oil well pumps) (Petroleum industry--Equipment and supplies)

STEPANOVA, Ye.V.; BADAMYAN, A.A.; MORSHCHAKOV, Yu., REYTMAN, I.M., redaktor;  
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ABRAMOV, M.A.; ALIVERDIZADE, K.S.; AMIROV, Ye.M.; ARENSON, R.I.; ARSEN'YEV, S.I.; BAGDASAROV, R.M.; BAGDASAROV, G.A.; BADAMYANTS, A.A.; DANIYEL'YAN, G.N.; DZHAPAROV, A.A.; KAZAK, A.S.; KERCHENSKIY, M.M.; KONUKHOV, S.I.; KRASNOBAYEV, A.V.; KURKOVSKIY, A.I.; LALAZAROV, G.S.; LARIONOV, Ye.P.; LISTENGARTEN, M.Ye.; LIVSHITS, B.L.; LISIKYAN, K.A.; LOGINOVSKIY, V.I.; LYSENKOVSKIY, P.S.; MOLCHANOV, G.V.; MAYDEL'MAN, N.M.; OKHON'KO, S.K.; ROMANIKHIN, V.A.; ROSIN, I.I.; RUSTAMOV, E.M.; SARKISOV, R.T.; SKRYPNIK, P.I.; SOBOLEV, N.A.; TARATUTA, R.N.; TVOROGOVA, L.M.; TER-GRIGORYAN, A.I.; USACHEV, V.I.; FAYN, B.P.; CHICHEROV, L.G.; SHAPIRO, Z.L.; SHEVCHUK, Yu.I.; TSUDIK, A.A.; ABUGOV, P.M., red.; MARTYNOVA, M.P., vedushchiy red.; DANIYEL'YAN, A.A.; TROFIMOV, A.V., tekhn.red.

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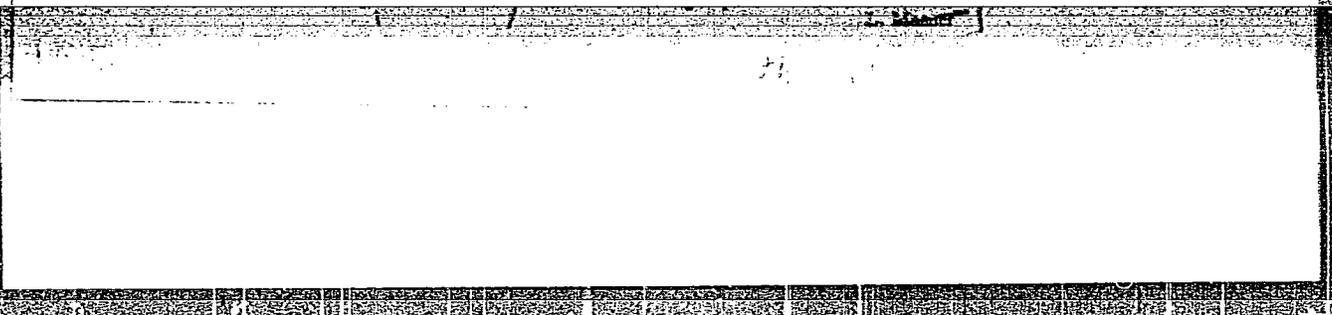
(MIRA 13:4)

(Oil fields--Equipment and supplies)

BADAMYNA, A 1

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Using a second differential in roving machines. Ind text Rum  
12 no.1:10-12 Ja '61.

1. Institutul Politehnic, Iasi.

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ANDREYEV, V.P., polkovnik,; BORISOV, D.S., polkovnik,; YEVTUSHENKO, A.F., polkovnik,; ZHELEZNYKH, V.I., dots., kand. tekhn. nauk, general-leytenant inzhenernykh voysk, otv. red.; TSIRLIN, A.D., doktor voyennikh nauk, general-polkovnik inzhenernykh voysk, red.; NAZAROV, K.S., dots., general-polkovnik inzhenernykh voysk v ostavke, red.; BADANIN, B.V., polkovnik v zapase, red.; BABUSHKIN, K.N., polkovnik, red.; TSEGENKO, P.G., polkovnik, red.; YEMEL'YANOV, P.A., polkovnik, red.; DROZHZHINOV, Ye.G., polkovnik, red.; PAKHOMOV, V.Ya., polkovnik, red.; SMIRNOV, V.V., polkovnik, red.; GORCHAKOV, A.D., podpolkovnik, red.; MEDNIKOVA, A.N., tekhn. red.

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USSR / Diseases of Farm Animals. Diseases Caused  
by Helminths.

R-2

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7370

Author : ~~N. V. Badanin~~, Ya. D. Nikol'skiy

Inst : Not Given

Title : Peculiarities of the Measures For Fighting Helminthiasis of Farm Animals in Uzbekistan.

Orig Pub: Nauchn. tr. Uzb. s-kh. in-ta 1956, 10, 63-73.

Abstract: Measures in the fight against the basic helminths of sheep are examined.

Card 1/1

BADANIN, N. V.

225

Head of Dept. of Parasitology,  
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COLLESON, A. F., LEVITSKIY, A. N., Scientific Research Work in Agriculture  
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Dioctophymosis. Uzb.biol.zhur. no.5:23-25 '58. (MIRA 12:1)

1. Uzbekskiy sel'skokhozyaysivennyy institut im. Kuybysheva.  
(SAMARKAND--HEMATODA) (KIDNEYS--DISEASES)  
(DOGS AS CARRIERS OF DISEASE)

ARKHANGEL'SKIY, Ivan Ivanovich; prof.; doktor veterin.nauk; BADANIN,  
Nikolay Vasil'yevich, prof., doktor veterin.nauk; BOBROV,  
Z.I., red.; GOR'KOVA, Z.D., tekhn.red.

[Tables for the differential diagnosis of the most important  
infectious diseases of farm animals] Tablitsy differentsial'noi  
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311 p. (MIRA 13:7)

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Nikolay Vasil'yevich, prof., doktor veterin.nauk; USACHEVA,  
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83-84 Je '60. (MIRA 16:7)

(Veterinary medicine)

BADANIN, N.V., doktor veter. nauk

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1. Samarkandskiy sel'skokhozyaystvennyy institut.

BADANIN, N.V., prof.

Development of veterinary medicine in Uzbekistan. Veterinariia 41  
no.12:11-12 D '64. (MIRA 18:7)

1. Samarkandskiy sel'skokhozyaystvennyy institut.

BADANIN, P. A.

"Growing Spring Wheat Plants of Different Qualities for Intravarietal Crossing," Sel. i sem., 19, No.7, 1952

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varietal Crossing," Sel. i sem., 19, No.9, 1952

USSR/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91788

Author : Badanin, P.A.

Inst : Kuybyshev Horticultural Experimental Station.

Title : Early Autumn Irrigation of Orchards.

Orig Pub : S. kh. Povolzh'ya, 1957, No 8, 64-66.

Abstract : The effect of early autumn irrigation on the 12-year old Alabaster variety apple trees was studied at the Kuybyshev Horticultural Experimental Station during 1954-1956. The early fall irrigation increased the growth of the trunk diameter by 23% and the growth of the shoots by 16%. Together with this the resistance of the apple trees to frost was increased. During all the years of observing these trees there was no frost damage and no bark rot. Prolonged growth periods may arise only in the

Card 1/3

VARTANYAN, S.A.; VARDAPETYAN, S.K.; BADANYAN, Sh.O.

Vinylacetylene chemistry. Report No.34: Hydration of vinylacetylene compounds containing a substituted benzene nucleus. Izv.AN Arm. SSR. Khim.nauki 15 no.4:347-352 '62. (MIRA 15:11)

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(Butenyne) (Hydration)  
(Benzene derivatives)

VARTANYAN, S.A.; ZHAMAGORTSYAN, V.N.; BADANYAN, Sh.O.

Chemistry of vinylacetylene. Report No.36: Condensation of vinylacetylene and isopropenylacetylene with aldehydes and ketones in the presence of a caustic potash powder without solvent. Izv.AN Arm.SSR.Khim.nauki 15 no.5:449-454 '62.  
(MIRA 16:2)

1. Institut organicheskoy khimii AN Armyanskoy SSR.  
(Butenyne) (Aldehydes) (Ketones)

BADANINA, A.I.

CAND TECH SCI

Dissertation: "Synthetic Film-Forming Materials with Nitrogen in the Side Chain."

30 June 49

Moscow Technological Inst of Light Industry imeni L.M. Kaganovich. ✓

Cand. Tech. Sci. thesis -

SO Vecheryaya Moskva  
Sum 71



BADANINA A. I.

Microscopic and photomicrographic analyses of the structure of synthetic sole leather. G. I. Kolosova, A. I. Badanina, and S. K. Pavlov. *Legkaya Prom.* 14, No. 12, 23-5 (1954).—The material consisted of leather fibers and rubber. Magnification of 280-450 was satisfactory. To distinguish between structural elements, selective staining and also destruction of leather fibers by treating for 3-15 min. on a water bath with a mixt. of 10 ml. 25% H<sub>2</sub>SO<sub>4</sub> and 0.75 g. K bichromate and washing with soda and water were employed. Photomicrography was for magnification of 80.  
—B. Z. Kamich

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ДОСЛІДЖЕННЯ, А.І.

А.І. ДОСЛІДЖЕННЯ, А.І.; ПІДАВКА, А.І.; ЗОЛОТОВ, В.І.

Продукти і сечеві частини зроблені з штучної шкіри.

Легенда: Штучна шкіра (Штучна промисловість)

(MLRA 10:9)

(Shoe Industry) (Leather, Artificial)